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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

MASKELL et al.

Atty. Ref.: 117-522

Appln. No. 10/506,794

T.C. / Art Unit: Not Known

Filed: September 7, 2004

Examiner: Not Known

FOR: TRANSPOSON

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INFORMATION DISCLOSURE STATEMENT

November 24, 2004

U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Attached is Form PTO-1449 listing the enclosed documents.

This Information Disclosure Statement (IDS) is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under 37 CFR § 1.97(f), to enable Applicants to comply fully. In particular, if any of the listed documents are missing or incomplete, please contact the undersigned who will provide another copy.


As provided by 37 CFR §§ 1.97(g) and (h), no inference should be made that this information and the listed references are prior art merely because they have been submitted for consideration. Furthermore, no representation is being made that a search has been conducted or that this statement encompasses all possible material information.

Consideration of the foregoing and enclosures, as well as the return of a copy of the Form PTO-1449 with the Examiner's initials per M.P.E.P. § 609, are earnestly solicited. The Examiner is invited to contact the undersigned if any further information is needed.

Respectfully submitted,

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By: _____


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A. DKT. NO.

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APPLICANT

MASKELL et al.

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AR	5,316,946	05/1994	Phadnis et al.			
BR	5,733,760	03/1998	Lu et al.			
CR	5,869,296	02/1999	Nag et al.			
DR	6,232,074 B1	05/2001	Dawson et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
ER	98/20161	05/1998	WIPO			
FR	99/50402	10/1999	WIPO			
GR	01/07651 A2	02/2001	WIPO			
HR	01/29205 A2	04/2001	WIPO			
IR	02/097100 A2	12/2002	WIPO			
JR	02/22876 A1	03/2002	WIPO			
KR						
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MR						
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OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

QR	Akerley et al. "Systematic identification of essential genes by <i>in vitro</i> mariner mutagenesis" Proc. Natl. Acad. Sci. USA 95:8927-8932 (1998)
RR	Austin et al. "Genetic analysis of lipopolysaccharide core biosynthesis by <i>Escherichia coli</i> K-12: Insertion mutagenesis of the <i>rfa</i> locus" J. Bacteriol. 172:5312-5325 (1990)
SR	Badarinarayana et al. "Selection analyses of insertional mutants using subgenic-resolution arrays" Nature Biotechnol. 19:1060-1065 (2001)
TR	Belunis et al. "Inhibition of lipopolysaccharide biosynthesis and cell growth following inactivation of the <i>kdtA</i> gene <i>Escherichia coli</i> " J. Biol. Chem. 270:27646-27652 (1995)
UR	Chatfield et al. "Evaluation of <i>Salmonella typhimurium</i> strains harbouring defined mutations in <i>htrA</i> and <i>aroA</i> in the murine salmonellosis model" Microbial Pathogen. 12:145-151 (1992)
VR	Chun et al. "The identification of transposon-tagged mutations in essential genes that affect cell morphology in <i>Saccharomyces cerevisiae</i> " Genetics 142:39-50 (1996)
WR	Dennis et al. "Plasposons: Modular self-cloning minitransposon derivatives for rapid genetic analysis of gram-negative bacterial genomes" Appl. Environ. Microbiol. 64:2710-2715 (1998)
ZR	Finnegan "Transposable elements" Curr. Opin. Genet. Develop. 2:861-867 (1992)
AAR	Freiberg et al. "Identification of novel essential <i>Escherichia coli</i> genes conserved among pathogenic bacteria" J. Mol. Microbiol. Biotechnol. 3:483-489 (2001)
BBR	Hui et al. "Strategies for cloning unknown cellular flanking DNA sequences from foreign integrants" CMLS Cell. Mol. Life Sci. 54:1403-1411 (1998)
CCR	Izard et al. "The crystal structure of a novel bacterial adenyllyltransferase reveals half of sites reactivity" EMBO J. 18:2021-2030 (1999)

*Examiner	Date Considered
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

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CITATION**

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ATTY. DKT. NO.

117-522

APPLICANT

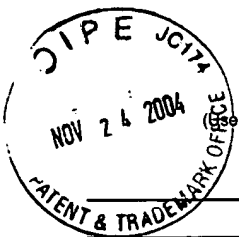
MASKELL et al.

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(Use several sheets if necessary)

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AR	Kempken et al. "Transposons in filamentous fungi – Facts and perspectives" BioEssays 20:652-659 (1998)
BR	Kupke et al. "Molecular characterization of lantibiotic-synthesizing enzyme EpiD reveals a function for bacterial Dfp proteins in coenzyme A biosynthesis" J. Biol. Chem. 275:31838-31846 (2000)
CR	Lai "Genetic applications of transposable elements in eukaryotes" Genome 37:519-525 (1994)
DR	Lin et al. "I-Ppol, the endonuclease encoded by the Group I intron PpLSU3, is expressed from an RNA polymerase I transcript" Mol. Cell. Biol. 18:5809-5817 (1998)
ER	Mei et al. "Identification of <i>Staphylococcus aureus</i> virulence genes in a murine model of bacteraemia using signature-tagged mutagenesis" Mol. Microbiol. 26:399-407 (1997)
FR	Nelson et al. "Identification of the minimal essential gene set of <i>Haemophilus influenzae</i> via transposon mutagenesis" Abstracts in Genet. Mol. Biol. p. 321 (1997)
GR	Sasseti et al. "Comprehensive identification of conditionally essential genes in mycobacteria" Proc. Natl. Acad. Sci. USA 98:12712-12717 (2001)
HR	Schmitt "Molecular biology of transposable elements" J. Antimicrob. Chem. 18 suppl. C:25-34 (1986)
IR	Slauch et al. "In vivo expression technology for selection of bacterial genes specifically induced in host tissues" Meth. Enzymol. 235:481-493 (1994)
JR	Wong et al. "Genetic footprinting with <i>mariner</i> -based transposition in <i>Pseudomonas aeruginosa</i> " PNAS 97:10191-10196 (2000)
KR	
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